

## EAST Search History

Ref. #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	(without near2 (kink\$3 twist\$3 knot\$4)) and headset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF ,	2006/10/22 14:52
L2	1761	(without near2 (kink\$3 twist\$3 knot\$4)) and ((voice sound) near2 tube tubing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 14:53
L3	444	(without near2 (kink\$3 twist\$3 knot\$4)) same ((voice sound) near2 tube tubing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 14:53
L4	2	(without near2 (kink\$3 twist\$3 knot\$4)) same ((voice sound) near2 tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 14:54
L5	7	(without near2 (kink\$3 twist\$3 knot\$4)) and ((voice sound) near2 tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 14:57
L6	1189	(without near2 (kink\$3 twist\$3 knot\$4)) with (tube tubular tubing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 14:57
L7	5	(without near2 (kink\$3 twist\$3 knot\$4)) with (tube tubular tubing) same (audio sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 14:58
L8	81	(without near2 (kink\$3 twist\$3 knot\$4)) with (tube tubular tubing) and (audio sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:00
L9	2	(without near2 (kink\$3 twist\$3 knot\$4)) with (microphone) and (audio sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:01

## EAST Search History

L10	19	(without near2 (kink\$3 twist\$3 knot\$4)) same (microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:03
L11	153	(without near2 (kink\$3 twist\$3 knot\$4)) same (flexible near3 tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:04
L12	2	(without near2 (kink\$3 twist\$3 knot\$4)) and (flexible near3 (sound voice) near3 tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:08
L13	1	("20020120224").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/22 15:25
L14	2	((kink\$3 twist\$3 knot\$4) near2 resistant) and (flexible near3 (sound voice) near3 tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:08
L15	5	((kink\$3 twist\$3 knot\$4) near2 resistant) and ((sound voice) near3 tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:09
L16	2	((kink\$3 twist\$3 knot\$4) near2 resistant) and ((sound voice) near3 tubing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:09
L17	224	((kink\$3 twist\$3 knot\$4) near2 resistant) same tube same flexible	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:09
L18	13	((kink\$3 twist\$3 knot\$4) near2 resistant) same tube same flexible) and (sound audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:10
L19	224	((kink\$3 twist\$3 knot\$4) near2 resistant) same tube same flexible)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:20

## EAST Search History

L20	11	((kink\$3 twist\$3 knot\$4) near2 resistant) same tube same flexible) and microphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:11
L21	90	(381/363).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:12
L22	1	L21 and kink\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:12
L23	2	(381/370,376,381,375,363).ccls. and headset and (kink\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:13
L24	8	headset and (kink\$3 same (tube tubing tubular))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:14
L25	0	((kink\$3 twist\$3 knot\$4) near2 resistant) and headset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:21
L26	40	(kink\$3) and headset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:21
L27	0	("(ulti-purposenear2(tubetubing)) withkink\$3").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:25
L28	0	(multi-purpose near2 (tube tubing)) with kink\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:26
L29	4142	(tube tubing) with kink\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:26

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L30.	34	((tube tubing) with kink\$3) and (sound audio) and microphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/22 15:26
S1	60	(381/100).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 12:03
S2	2	burson.in. and voice	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 14:03
S3	6	burson.in. and tube	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 11:33
S4	1	("6735453").PN.	USPAT	OR	OFF	2004/11/23 11:34
S5	126	"plantronics".AS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 14:07
S9	8	("1587643"   "5450496"   "5625171"   "D242724"   "D375313"   "D403327"   "D439890").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/23 11:52
S10	19	"plantronics".AS. and flexible	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/23 18:42
S11	537	(381/370,376,381,375).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 12:03
S12	14	(381/370,376,381,375).ccls. and headset same flexible same tube	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 14:03
S13	0	(381/370,376,381,375).ccls. and spiral near2 steel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/08 12:27
S14	12	(381/370,376,381,375).ccls. and spiral	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/08 12:27
S15	2	(381/370,376,381,375).ccls. and wireless same headset same flexible	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 12:10
S16	3	wireless same headset same flexible same antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 12:12
S17	25	wireless same headset and flexible same antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 12:12

## EAST Search History

S18	1	(381/370,376,381,375).ccls. and headset same shrink same (tube or tubing)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 13:59
S19	1	(381/370,376,381,375).ccls. and shrink same wrap same tubing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 14:00
S20	1	(381/370,376,381,375).ccls. and shrink same tubing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 14:00
S21	2	headset same shrink same tubing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:05
S22	0	"plantronics".AS. and shrink	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 14:07
S23	2	"plantronics".AS. and copper	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 14:08
S24	0	"plantronics".AS. and copper same steel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 14:09
S25	0	voice adj2 tube same copper same steel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:32
S26	0	(voice adj2 tube) same copper adj2 (wire or wiring)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 14:13
S27	5	copper adj2 (wire or wiring) near3 wrap\$3 near3 steel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 14:14
S28	60	copper adj2 (wire or wiring) near3 stainless adj2 steel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 14:15
S29	69	(181/20).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 14:29
S30	0	headset and shrink same tubing same steel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:15
S31	349	shrink same tubing same steel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:06
S32	281	shrink adj3 tubing same steel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:06

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S33	2	shrink adj3 tubing near2 stainless adj2 steel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:06
S34	2	headset same copper adj2 (wire or wiring)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:29
S35	3	headset and copper adj2 (wire or wiring) same steel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:16
S36	0	voice adj2 tube same copper	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:20
S37	23	headset same copper	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:29
S38	49	voice same copper same steel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:33
S39	1946	tubing same copper same steel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:34
S40	0	tubing same copper same steel and headset	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:34
S41	251	tubing same copper same steel same flexib\$6	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:36
S42	1	("4917504").PN.	USPAT	OR	OFF	2004/11/23 15:36
S43	5	((("4917504") or ("20010036291") or ("4771454") or ("5350638") or ("20040204155")).PN.	US-PGPUB; USPAT	OR	OFF	2005/07/08 12:12
S44	0	(381/370,376,381,375,330,100). ccls. and (kink adj2 resistant)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/08 12:27
S45	0	(voice adj2 tube) and (kink)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/08 12:29
S46	6	(voice adj2 tube) and (kink or curl or crimp or bend or deform or twist)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/08 12:42
S47	1	(voice adj2 tube) same resistant	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/08 12:42
S48	0	("(tubeortubing)wiht(kinkorbendor twistorloop)with(resistant)").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/23 17:42

## EAST Search History

S49.	360	(tube or tubing) with (kink or bend or twist or loop) with (resistant)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/23 17:43
S50	0	(tube or tubing) with (kink or bend or twist or loop) with (resistant) and headset	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/23 17:43
S51	140	(tube or tubing) with (kink or bend or twist or loop) with (resistant) same flexible	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/23 17:46
S52	1	(tube or tubing) with (kink or bend or twist or loop) with (resistant) same flexible and audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/23 17:46
S53	6	(lumen or passageway) with retains with (cross adj2 sectional)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 14:28
S54	2	((("5221256") or ("6367510"))).PN.	USPAT	OR	OFF	2006/01/24 11:59
S55	459	(379/430).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 14:03
S56	1	(381/370,376,381,375).ccls. and headset same flexible same tube same bend\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/10/22 15:12
S57	459	(379/430).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 14:04
S58	6	S57 and bend\$4 same (tube or tubing)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 14:13
S59	616	(381/370,376,381,375).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 14:13
S60	0	S59 and bend\$4 same (tube or tubing) same (kink near2 resistant)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 14:13
S61	0	S59 and bend\$4 same (tube or tubing) and (kink near2 resistant)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 14:13
S62	10	S59 and bend\$4 same (tube or tubing) same (kink or curl or crimp or bend or twist)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 15:33
S63	0	S59 and (tube or tubing) same (retains with (cross adj2 sectional)) same bend\$4 same kink	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 14:28
S64	0	S59 and (tube or tubing) same (retains with (cross adj2 sectional)) and bend\$4 and kink	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 14:28

## EAST Search History

S65	0	S59 and (tube or tubing) same (retain\$3 with (cross adj2 sectional)) and bend\$4 and kink	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 14:29
S66	0	S59 and (tube or tubing) same (retain\$3 with (cross adj2 sectional))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/10/21 16:48
S67	1	("5350638").PN.	USPAT	OR	OFF	2006/01/24 15:33
S68	550	(381/370,376,381).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 17:06
S69	459	(379/430).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/24 17:06